

62776

From:
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Subject:

P

Steadman, David (AU1652)
Wednesday, March 20, 2002 12:42 PM
STIC-Biotech/ChemLib
09/529,043 sequence search

NAME: David Steadman
AU: 1652
Date: 03/20/02
Office: 10D-04
Mailbox: 10C-01 M3
Case Serial #: 09/529,043

CRFE

Please search the following sequences for interference:

- 1) SEQ ID NO:2 (polypeptide sequence) against polynucleotide databases. = us-09-529-043b-2.flp
- 2) Nucleotides 165-3587 of SEQ ID NO:1 (polynucleotide sequence) against polynucleotide databases. = us-09-529-043b-1-copy-165-3587.flp

Please align the following sequences:

- 3) SEQ ID NO:1 of 09/529,043 against SEQ ID NO:1 of 09/220,081. = us-09-529-043b-1.res
- 4) SEQ ID NO:2 of 09/529,043 against SEQ ID NO:1 of 09/220,081. = us-09-529-043b-2.res

Please save search results to diskette.

Thank you very much,
David J. Steadman
308-3934
CM1, 10D-04

Point of Contact:
Barb O'Bryen
Technical Information Specialist
STIC CM1 6A05 308-4291

Searcher:
Phone:
Location:
Date Picked Up: 3-25-02
Date Completed: 3-26-02
Searcher Prep/Review:
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Online time:

TYPE OF SEARCH:

NA Sequences:
AA Sequences:
Structures:
Bibliographic:
Litigation:
Full text:
Patent Family:
Other:

VENDOR/COST(where applic.)

STN:
DIALOG:
Questel/Orbit:
DRLink:
Lexis/Nexis:
Sequence Sys.:
WWW/Internet:
Other (specify):

EP9806210_1 1_\$\$_165_3587.Dna
Empo: Cgpyc

ID CGPYC standard; DNA; PRO; 3728 BP.
AC Y09548;
NI e1250842
DT 11-FEB-1998 (Rel. 54, Created)
DT 08-MAY-1998 (Rel. 55, Last updated, Version 2)
DE Corynebacterium glutamicum pyc gene
KW pyc gene; pyruvate carboxylase.
OS Corynebacterium glutamicum
OC Bacteria; Firmicutes; Actinobacteria; Actinobacteridae; Actinomycetales;
OC Corynebacterineae; Corynebacteriaceae; Corynebacterium.
RN [1]
RA Peters-Wendisch P.G., Kreutzer C., Kalinowski J., Patek M., Sahm H.,
RA Eikmanns B.J.;
RT "Pyruvate carboxylase from Corynebacterium glutamicum: characterization,
RT expression and inactivation of the pyc gene";
RL Microbiology 144:915-927(1998).
RN [2]
RP 1-3728
RA Peters-Wendisch P.G.;
RT ;
RL Submitted (21-NOV-1996) to the EMBL/GenBank/DDBJ databases.
RL P.G. Peters-Wendisch, Institut fuer Biotechnologie 1, Forschungszentrum
RL Juelich GmbH, Juelich, D-52425, FRG
DR SPTREMBL; O54587; O54587.
FH Key Location/Qualifiers
FH
FT source 1. .3728
FT /organism="Corynebacterium glutamicum"
FT /strain="ATCC 13032"
FT CDS 165. .3587
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FT /db_xref="SPTREMBL:O54587"
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FT ECAENGITFIGPTPEVLDLTGDKSRAVTAACKAGLPVLAESTPSKNIDEIVKSAEGQTY
FT PIFVKAVAGGGGRGMRFVSPDELRLKATEASREAEAAFGDGAVYVERAVINPQHIEVQ
FT ILGDHTGEVVHLYERDCSLQRRHQKVVEIAPAQHLDPFLDRICADAVKFCRSIGYQGA
FT GTVEFLVDEKGNHVFIEMNPRIQVEHTVTEEVTEVDLVKAQMRLAAGATLKELGLTQDK
FT IKTHGAALQCRITTEDPNNGFRPDTGTITAYRSPGAGVRLDGAAQLGGEITAHFDSML
FT VKMTCRGSDFFETAVARAQALAEFTVSGVATNIGFLRALLREEDFTSKRIATGFIADHP
FT HLLQAPPADDEQGRILDYLDVTVNKPVGVRPKDVAAPIDKLPNIKDLPLPRGSRDLK
FT QLGPAAAFARDLREQDALAVTDTTFRDAHQSLLATRVRSFALKPAEAVAKLTPELLSVE
FT AWGGATYDVAMRFLFEDPWDRDLDELREAMPNVNIQMLLRGRNTVGYPYDPSVCRAVFK
FT EAASSGVDFIRIFDALNDVSQMRPAIDAVLETNTAVAEEVAMAYSGDLSDPNEKLYTLDY
FT YLKMAEEIVKSGAHILAIKDMAGLLRPAAVTKLVLTALRREFDLPVHVHTHDTAGGQLAT
FT YFAAAQAGADAVDGASAPLSGTTSQPSLSAIVAAFAHTRRDTGLSLEAVSDLEPYWEAV
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SCORES Init1: 17115 Initn: 17115 Opt: 17115 z-score: 25599.6 E(): 0
100.0% identity in 3423 bp overlap

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              40      50      60      70      80      90
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	3140	3150	3160	3170	3180	3190
	3040	3050	3060	3070	3080	3090
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